

AMENDMENTS TO THE CLAIMS:

1-50. (Canceled).

51. (Currently amended) An image pick-up information transmitting system, comprising:

a communicating device capable of transmitting and receiving information to and from an image information receiver for receiving an image file;

an information processing device which instructs information of directories in which function file names, which -indicating at least a function for picking up an image, are registered to be transmitted to the image information receiver through the communicating device; and

an image pick-up device which picks up ~~an~~ the image allocated to at least one of the function file ~~name~~ names when the image information receiver requests to ~~transmit a~~ an image file corresponding to said at least one of the function file ~~namenames~~,

wherein ~~the~~ information processing device ~~comprises: an image pick-up device which~~ transmits ~~an~~ the image file obtained by picking up the image to the image information receiver through the communicating device; and

wherein the ~~a first~~ communicating device is capable of transmitting and receiving the information of directories to and from the image pick-up device;

a display for displaying the information of the directories ~~presented~~ which is at least one of transmitted to and received from the image pick-up device; and

a selecting device which selects and designates a desired function file name of the at least one function file name showing a desired function on the basis of the displayed information of the directories.

52. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein the information processing device records ~~an~~ the image obtained by executing the function allocated to the desired function file name on a recording medium.

53. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein at least one of ~~the~~ names of paths, to which the function file names belong, ~~or~~ and folders are registered in the information of the directories.

54. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein names indicating at least one of ~~the~~ image pick-up conditions and ~~or~~ ~~the~~ properties of the image are registered in the information of the directories.

55. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein layered structures, which are classified for each parameter ~~of the parameters~~ indicating at least one of a plurality of image pick-up conditions of the image and ~~or~~ ~~the~~ properties of the image, are registered in the directories.

56. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein the information of the directories includes ~~the~~ filenames of picked-up images.

57. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein the information processing device registers expected file sizes after the image is picked-up on the basis of ~~the~~ parameters indicating the image pick-up conditions, ~~and the properties of the image, and a filename of the image as well as the file names.~~

58. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein the image information receiver calculates an expected communication time required for acquiring the image file ~~on the basis of the~~ based on a file size of the image file and does not acquire the image file when the expected communication time thus calculated is larger than a predetermined communication time threshold value.

59. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein the display displays at least one of ~~the~~ a file name, ~~the~~ a directory name, ~~the~~ a path name of ~~a~~ the image file, and ~~the~~ a size of ~~a~~ the image file ~~on the basis of~~ based on the information of the directories ~~presented~~ transmitted from the image pick-up device.

60. (Currently amended) The image pick-up information transmitting system according to claim 59, wherein the image information receiver calculates an expected communication time required for acquiring the image file on the basis of the file size of the image file and does not acquire the image file when the expected communication time thus calculated is larger than a predetermined communication time threshold value.

61. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein the display displays the information of the directories in a tree representation ~~on the basis of~~based on the information of the directories ~~presented~~ that is at least one of transmitted to or received from the image pick-up device.

62. (Original) The image pick-up information transmitting system according to claim 51, wherein the image information receiver is provided with a second communicating device capable of transmitting and receiving the information to and from other communication devices other than the image pick-up device through public lines or communication networks and the second communicating device transmits the selected desired image file to the other communication devices.

63. (Original) The image pick-up information transmitting system according to claim 62, wherein the second communicating device can transmit and receive the information to and from other communication devices other than the image pick-up device through the public lines or the communication networks and also can transmit and receive an audio signal thereto/therefrom.

64. (Original) The image pick-up information transmitting system according to claim 51, wherein the communicating device comprises at least one of:

a communicating device which serves to connect the mutual devices for transmitting and receiving the information together by cables so as to convert the

information into an electric signal or an optical signal and transmit and receive the information by a wire communication; and

a communicating device which serves to convert the information into an electric wave signal or an optical signal and transmit and receive the information by a wireless communication.

65. (Original) The image pick-up information transmitting system according to claim 64, wherein the second communicating device can transmit and receive the information to and from other communication devices other than the image pick-up device through the public lines or the communication networks and also can transmit and receive an audio signal thereto/therefrom.

66. (Currently amended) The image pick-up information transmitting system according to claim 51, further comprising a power conservation mode setting device which sets a power conservation mode for decreasing ~~the~~ power consumption of the information processing device and canceling the power conservation mode when the communicating device receives the information from the image information receiver upon setting the power conservation mode.

67. (Currently amended) The image pick-up information transmitting system according to claim 51, wherein the information processing device instructs the information of the directories in which the function file names are classified under at least one of parameters indicating image pick-up conditions and parameters indicating the

properties of an image to be transmitted to the image information receiver through the communicating device.

68. (Currently amended) The image pick-up information transmitting system according to claim 67, wherein the parameters indicating the image pick-up conditions include at least one of an exposure condition, a flash light emitting condition, a white balance condition, a focus condition and a zoom condition, and the parameters indicating the properties of the image include at least one of ~~the~~ a number of pixels, a compressibility, a sampling method and color information.

69. (Original) The image pick-up information transmitting system according to claim 67, further comprising:

a converted image generating device which generates a converted image in which the parameters showing the properties of the image are changed relative to an image obtained by a picking up operation as required,

wherein the information processing device transmits the converted image thus generated to the image information receiver.

70. (Currently amended) The image pick-up information transmitting system according to claim 69, wherein the parameters indicating the image pick-up conditions include at least one of an exposure condition, a flash light emitting condition, a white balance condition, a focus condition and a zoom condition, and the parameters indicating the properties of the image include at least one of ~~the~~ a number of pixels, a compressibility, a sampling method and color information.

71. (Currently amended) The image pick-up information transmitting system according to claim 67, wherein the information processing device transmits the parameters classified for each function so as to attach the parameters to the image file transmitted by executing the function allocated to the desired function file name.

72. (Currently amended) The image pick-up information transmitting system according to claim 67, wherein the information processing device records an image obtained by executing the function allocated to the desired function file name on a recording medium.

73. (Currently amended) The image pick-up information transmitting system according to claim 67, wherein the names of paths, to which the function file names belong, or folders are registered in the information of the directories.

74. (Original) The image pick-up information transmitting system according to claim 67, wherein names indicating the image pick-up conditions or the properties of the image are registered in the information of the directories.

75. (Currently amended) The image pick-up information transmitting system according to claim 67, wherein layered structures, which are classified for each of the parameters indicating at least one of a plurality of image pick-up conditions ~~or~~ and the properties of the image, are registered in the directories.

76. (Currently amended) The image pick-up information transmitting system according to claim 67, wherein the information of the directories includes ~~the~~ filenames of picked-up images.

77. (Currently amended) The image pick-up information transmitting system according to claim 67, wherein the information processing device registers expected file sizes after the image is picked-up on the basis of the parameters indicating the image pick-up conditions, and the properties of the image, and a file name of the image as well as the file names.

78. (Currently amended) The image pick-up information transmitting system according to claim 77, wherein the image information receiver calculates an expected communication time required for acquiring the file on the basis of the file size of the image and does not acquire the image file when the expected communication time thus calculated is larger than a predetermined communication time threshold value.

79. (Currently amended) The image pick-up information transmitting system according to claim 67, wherein the display displays at least one of ~~the~~ a file name, ~~the~~ a directory name, ~~the~~ a path name of ~~a~~ the image file, and ~~the~~ a size of ~~a~~ the image file ~~on the basis of~~ based on the information of the directories ~~presented~~ transmitted from the image pick-up device.

80. (Currently amended) The image pick-up information transmitting system according to claim 79, wherein the image information receiver calculates an expected

communication time required for acquiring the image file on the basis of the file size of the image file and does not acquire the image file when the expected communication time thus calculated is larger than a predetermined communication time threshold value.

81. (Currently amended) The image pick-up information transmitting system according to claim 67, wherein the display displays the information of the directories in a tree representation ~~on the basis of~~ based on the information of the directories ~~presented~~ that is at least one of transmitted or received from the image pick-up device.

82. (Original) The image pick-up information transmitting system according to claim 67, wherein the image information receiver is provided with a second communicating device capable of transmitting and receiving the information to and from other communication devices other than the image pick-up device through public lines or communication networks and the second communicating device transmits the selected desired image file to the other communication devices.

83. (Original) The image pick-up information transmitting system according to claim 82, wherein the second communicating device can transmit and receive the information to and from other communication devices other than the image pick-up device through the public lines or the communication networks and also can transmit and receive an audio signal thereto/therefrom.

84. (Original) The image pick-up information transmitting system according to claim 67, wherein the communicating device comprises at least one of:

a communicating device which serves to connect the mutual devices for transmitting and receiving the information together by cables so as to convert the information into an electric signal or an optical signal and transmit and receive the information by a wire communication; and

a communicating device which serves to convert the information into an electric wave signal or an optical signal and transmit and receive the information by a wireless communication.

85. (Original) The image pick-up information transmitting system according to claim 84, wherein the second communicating device can transmit and receive the information to and from other communication devices other than the image pick-up device through the public lines or the communication networks and also can transmit and receive an audio signal thereto/therefrom.

86. (Currently amended) The image pick-up information transmitting system according to claim 67, further comprising a power conservation mode setting device which sets a power conservation mode for decreasing ~~the~~ power consumption of the information processing device and canceling the power conservation mode when the communicating device receives the information from the image information receiver upon setting the power conservation mode.

87. (Currently amended) A remote control method in which an information receiver selects a desired function file name on the basis of ~~the~~ information of directories

~~presented-transmitted~~ from an electronic device and receives ~~the~~ a file of the selected desired function file name from the electronic device, wherein:

the electronic device transmits the information of the directories, which include function in which the file names that indicate ~~of functions indicating~~ at least the one function ~~of~~ to be performed by the electronic device, to the information receiver;

the image information receiver selects ~~a~~ the desired function file name on the basis of the transmitted information of the directories to request the electronic device to perform an operation corresponding to the desired function file name;

the electronic device executes a function allocated to the desired function file name in accordance with the request and transmits a response in accordance with the execution of the function to the image information receiver; and

the image information receiver receives the response.

88. (Original) The remote control method according to claim 87, wherein the response transmitted by the electronic device is a file with a description indicating the result of the operation.

89-98. (Canceled).

99. (New) The image pick-up information transmitting system according to claim 51, further comprising:

a converted image generating device that generates a converted image of the image allocated to the at least one of the function file names based on at least one of a

parameter indicating an image pick-up condition and a parameter indicating a property of the image,

wherein the information processing device transmits a converted image file, which includes the converted image, to the image information receiver through the communicating device.

100. (New) The image pick-up information transmitting system according to claim 99, wherein the parameter indicating the image pick-up condition includes at least one of an exposure condition, a flash light emitting condition, a white balance condition, a focus condition and a zoom condition, and

wherein the parameter indicating the property of the image include at least one of a number of pixels, a compressibility, a sampling method and color information.

101. (New) The remote control method according to claim 87, further comprising:

generating a converted image of the file of the desired function file name based on at least one of a parameter indicating an image pick-up condition and a parameter indicating a property of the file of the desired function file name; and

transmitting the converted image to the image information receiver.

102. (New) The remote control method according to claim 101, wherein the parameter indicating the image pick-up condition includes at least one of an exposure condition, a flash light emitting condition, a white balance condition, a focus condition and a zoom condition, and

wherein the parameter indicating the property of the image include at least one of a number of pixels, a compressibility, a sampling method and color information.

103. (New) The remote control method according to claim 87, wherein the information of the directories classifies the function file names under at least one of parameters indicating image pick-up conditions and parameters indicating properties of an image to be transmitted to the image information receiver through the communicating device.

104. (New) The remote control method according to claim 103, wherein the parameters indicating the image pick-up conditions include at least one of an exposure condition, a flash light emitting condition, a white balance condition, a focus condition and a zoom condition, and

wherein the parameters indicating the properties of the image include at least one of a number of pixels, a compressibility, a sampling method and color information.

105. (New) The remote control method according to claim 104, further comprising:

generating a converted image of the file of the desired function file name based on the parameters indicating the image pick-up conditions and the parameters indicating the properties of the file of the desired function file name; and

transmitting the converted image to the image information receiver.

106. (New) A remote control method in which an information receiver selects a desired function file name from an electronic device, the method comprising:

transmitting information of a directory that includes the function file name, which indicates a function to be performed by the electronic device, from the electronic device to the information receiver;

selecting the desired function file name based on the transmitted information of the directories to request the electronic device to perform the function corresponding to the desired function file name;

executing the function corresponding to the desired function file name in accordance with the request,

wherein said executing the function includes generating a converted image of an image file of the desired function file name based on at least one of a parameter indicating an image pick-up condition and a parameter indicating a property of the image file of the desired function file name; and

transmitting the converted image from the electronic device to the image information receiver.

107. (New) An image pick-up information transmitting system, comprising:

an information processing device;

an information receiver;

a communicating device for transmitting and receiving information to and from the information processing device and the information receiver,

wherein the information processing device includes information of directories, which include function file names that indicate at least one function for picking up an image;

wherein the information receiver includes a selecting device for selecting and requesting an image file corresponding to at least one of the function file names based on the information of the directories, which is received from the information processing device,

wherein the communicating device is capable of transmitting and receiving the information of the directories to and from the image information receiver and information processing device; and

an image pick-up device for picking up an image allocated to the at least one of the function file names when the image information receiver requests the image file corresponding to the at least one of the function file names,

wherein the information processing device transmits the image file picked up by the image pick up device to the image information receiver through the communicating device.

108. (New) The image pick-up information transmitting system according to claim 107, further comprising:

a converted image generating device that generates a converted image of the image allocated to the at least one of the function file names based on at least one of a parameter indicating an image pick-up condition and a parameter indicating a property of the image,

wherein the information processing device transmits a converted image file, which includes the converted image, to the image information receiver through the communicating device.

109. (New) The image pick-up information transmitting system according to claim 108, wherein the parameter indicating the image pick-up condition includes at least one of an exposure condition, a flash light emitting condition, a white balance condition, a focus condition and a zoom condition, and

wherein the parameter indicating the property of the image include at least one of a number of pixels, a compressibility, a sampling method and color information.